

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date:	20.07.24	Job No.:	SE CAD 762	ADR Yes/No:	Y	ADR Date:		ECN #:	2020 578
Product No.:	D117-762			Created By:	SAD	Approved By:			
Product Name:	SKIDTUBE			Checked By:					

Reason for Change:

Customer Support Issue and Manufacturing

Documents Released:

Release D4682 Rev. G and DSK179 Rev. B
Release D5666 Rev. B and DSK187 Rev. B
Release D5665 Rev. B and DSK186 Rev. B

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☐

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MG		
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	Y	MG		
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

D4682 Update Flat Parttern for holes on D4682-7 (Customer Support Issue)

D5665-041 and D5666-041 update front bend to reduce gap (Manufacturing Issue)

PART MUST COMPLY TO THE FOLLOWING PARTS

D4682-7

D5665-041 and DSK186-1

D5666-041 and DSK187-1

*See Attached
gr 9-25-20*

ECN Verified & Complete: _____

Date: _____

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#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
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#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		<i>met 20.08.31</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		<i>met 20.08.31</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MG	<i>Not Required for DSK</i>	<i>met 20.08.31</i>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	Y	MG	<i>Not Applicable for DSK</i>	<i>met 20.08.31</i>
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		<i>met 20.08.31</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

D4682 Update Flat Pattern for holes on D4682-7 (Customer Support Issue)

D5665-041 and D5666-041 update front bend to reduce gap (Manufacturing Issue)

PART MUST COMPLY TO THE FOLLOWING PARTS

D4682-7

D5665-041 and DSK186-1

D5666-041 and DSK187-1

Released:

update: DSK 179, DSK 186 + DSK 187 Rev. B

ECN Verified & Complete: _____

Date: _____

Jennifer Renwick

From: Linda Lacelle
Sent: Wednesday, August 26, 2020 7:46 AM
To: Steven Drouin; David Duval; Jennifer Renwick
Subject: RE: ECN20-578

Follow Up Flag: Follow up
Flag Status: Flagged

I would need what needs to be reworked so we can add reworks to the route pls

David,
Will need rework ops added, when Muffin gets back to us

Jen,
Can you make rework jobs pls

Merci

L

From: Steven Drouin <sdrouin@dartaero.com>
Sent: Wednesday, August 26, 2020 7:23 AM
To: Linda Lacelle <llacelle@dartaero.com>
Subject: Re: ECN20-578

Linda

D4682 old rev would need to be scrap

The d5666 and d5665 can be re-worked Eric larocque knows what do to the flat pattern to make them work
And I could sign it off

Steven

From: Linda Lacelle <llacelle@dartaero.com>
Sent: Wednesday, August 26, 2020 7:09 AM
To: Steven Drouin <sdrouin@dartaero.com>; David Duval <dduval@dartaero.com>
Cc: Michelle GagnonDonovan <mgagnondonovan@dartaero.com>
Subject: RE: ECN20-578

Yeah, I know, so they are all scrap?

From: Steven Drouin <sdrouin@dartaero.com>
Sent: Tuesday, August 25, 2020 3:27 PM
To: Linda Lacelle <llacelle@dartaero.com>; David Duval <dduval@dartaero.com>
Cc: Michelle GagnonDonovan <mgagnondonovan@dartaero.com>
Subject: RE: ECN20-578

Job R213409

Part Number		Operation Number				Operation		Container No			Job		
Operation Totals:								1					
Part Totals:								1					
Part Number: D5665-7 Revision													
D5665-7		220				QC 21 - SA		S251355			202513		
Part Number	Operation Number	Operation	Container No	Job	Master Unit Number	Quantity	Weight	Serial No/Batch	Location	Container	Status	Added	Sp Com
Part Number: D5666-043 Revision: Bar Weldment													
D5666-043	100	Large Fab - Welded Assy-1	S275485	202549		8 pcs	0	S275485	Large Fab - 1		Allocated	5/4/2020	*
Operation Totals:			1			8	0						
Part Totals:			1			8	0						
Part Number: D5666-1 Revision: Wearplate													
D5666-1	160	QC 21 - SA	S249041	202551		4 pcs	0	S249041	WA002-2	Bin	Stock	1/21/2020	*
Operation Totals:			1			4	0						

From: Steven Drouin <sdrouin@dartaero.com>
Sent: Monday, August 24, 2020 11:56 AM
To: David Duval <dduval@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>
Cc: Michelle GagnonDonovan <mgagnondonovan@dartaero.com>
Subject: ECN20-578

Update ECN20-578

For the following parts

Release D4682 Rev. G and DSK179 Rev. B
 Release D5666 Rev. B and DSK187 Rev. B
 Release D5665 Rev. B and DSK186 Rev. B

Thank you Steven